

ABSTRACT OF THE DISCLOSURE

A multi-stage impact force enhancing device of an electric nailer includes an AC power source, an AC input control circuit, a tripler rectifying filter circuit, a DC steady-state circuit, a timing switch circuit, a decoding counting circuit, an impulse oscillation circuit, multiple energy-storage circuits, multiple solid-state switch circuits, and an electromagnetic coil. Thus, the multi-stage impact force enhancing device can serially discharge a voltage to the electromagnetic coil of electric nailer in a short period of time, thereby generating a larger impact force.